

PATENT ABSTRACTS OF JAPAN

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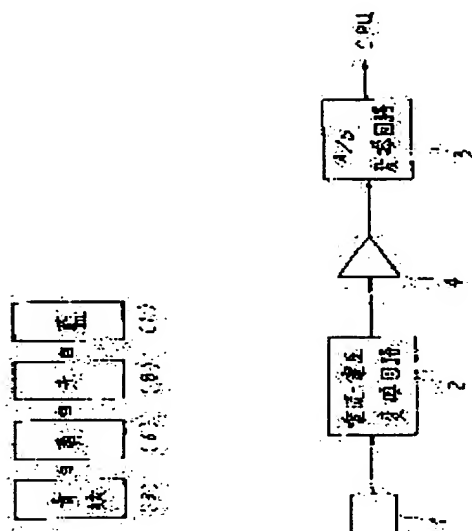
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(54) COLOR BAR-CODE SYSTEM

(57)Abstract:

PURPOSE: To reduce the erroneous read due to printing precision and scanning speed by using color bar to display encoded information and detecting and discriminating the color of color bars in an arrangement order with an optical sensor having a wavelength characteristic.

CONSTITUTION: In a bar-code, the bars of bluish green, yellow, red, and indigo colors are provided in accordance with the string of 4 figures 3, 6, 8, and 1. These colors of the color bars are scanned with an optical sensor 1 which has a different sensitivity characteristic for a wavelength corresponding to each color, and color bars are converted to codes corresponding to numbers which respective color bars mean. The output of the optical sensor 1 is converted by a current-voltage converting circuit 2 and is made binary by an A/D converting circuit 3. This binary signal is converted to a color data signal registered in a CPU, namely, a number corresponding to the binary signal and is read.



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